8	7	5.8	279	4	US-10-425-114-40794	Sequence 40794, A
9	7	5.8	297	5	US-10-450-763-51740	Sequence 51740, A
10	7	5.8	471	6	US-11-097-143-12147	Sequence 12147, A
11	7	5.8	511	4	US-10-282-122A-52726	Sequence 52726, A
12	7	5.8	514	4	US-10-424-599-284718	Sequence 284718,
13	7	5.8	549	4	US-10-369-493-10400	Sequence 10400, A
14	7	5.8	572	4	US-10-425-115-344946	Sequence 344946,
15	7	5.8	691	4	US-10-032-585-7343	Sequence 7343, Ap
16	7	5.8	715	4	US-10-425-114-43542	Sequence 43542, A
17	7	5.8	728	4	US-10-437-963-127180	Sequence 127180,
18	7	5.8	741	4	US-10-437-963-171393	Sequence 171393,
19	7	5.8	781	4	US-10-424-599-284719	Sequence 284719,
20	7	5.8	808	4	US-10-437-963-127182	Sequence 127182,
21	7	5.8	827	4	US-10-437-963-127181	Sequence 127181,
22	7	5.8	1160	4	US-10-437-963-120406	Sequence 120406,
23	7	5.8	1409	6	US-11-097-143-23910	Sequence 23910, A
24	7	5.8	2039	4	US-10-437-963-155661	Sequence 155661,
25	6	5.0	8	4	US-10-395-817-19	Sequence 19, Appl
26	6	5.0	12	4	US-10-103-597A-27	Sequence 27, Appl
27	6	5.0	12	4	US-10-103-597A-32	Sequence 32, Appl
28	6	5.0	12	4	US-10-188-444-27	Sequence 27, Appl
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30	6	5.0	15	4	US-10-395-817-21	Sequence 21, Appl
31	6	5.0	21	3	US-09-962-756-471	Sequence 471, App
32	6	5.0	21	3	US-09-962-756-540	Sequence 540, App
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40	6	5.0	21	4	US-10-253-471-1726	Sequence 1726, Ap
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ALIGNMENTS

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RESULT 1
US-10-225-066A-342
; Sequence 342, Application US/10225066A
; Publication No. US20030226173A1
; GENERAL INFORMATION:
;  APPLICANT: Mendel Biotechnology, Inc.
;  APPLICANT:  RATCLIFFE, Oliver
;  APPLICANT:  RIECHMANN, Jose Luis
;  APPLICANT:  ADAM, Luc J
;  APPLICANT:  DUBELL, Arnold T
;  APPLICANT:  HEARD, Jacqueline E
;  APPLICANT:  PILGRIM, Marsha L
;  APPLICANT:  JIANG, Cai-Zhong
;  APPLICANT:  REUBER, T. Lynne
;  APPLICANT:  CREELMAN, Robert A
;  APPLICANT:  PINEDA, Omaira
;  APPLICANT:  YU, Guo-Liang
;  APPLICANT:  BROUN, Pierre E
;  TITLE OF INVENTION: Yield-Related Polynucleotides and Polypeptides in Plants
;  FILE REFERENCE: MBI0036-2 US
;  CURRENT APPLICATION NUMBER: US/10/225,066A
;  CURRENT FILING DATE:  2002-08-09
;  PRIOR APPLICATION NUMBER: 09/837,444
;  PRIOR FILING DATE: 2001-04-18
;  PRIOR APPLICATION NUMBER: 60/310,847
;  PRIOR FILING DATE: 2001-08-09
;  PRIOR APPLICATION NUMBER: 60/336,049
;  PRIOR FILING DATE: 2001-12-05
;  PRIOR APPLICATION NUMBER: 60/338,692
;  PRIOR FILING DATE: 2001-12-11
;  PRIOR APPLICATION NUMBER: 10/171,468
;  PRIOR FILING DATE: 2002-06-14
;  NUMBER OF SEQ ID NOS: 1122
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;  SOFTWARE: PatentIn version 3.1
; SEQ ID NO 342
;   LENGTH: 358
;   TYPE: PRT
;   ORGANISM: Arabidopsis thaliana
US-10-225-066A-342

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  Best Local Similarity   100.0%;  Pred. No. 8.3;
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Qy         12 NQSHHHDN 19
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Db        205 NQSHHHDN 212


RESULT 2
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; Sequence 2682, Application US/10374780A
; Publication No. US20040019927A1
; GENERAL INFORMATION:
;  APPLICANT: Sherman, Bradley K
;  APPLICANT:  Riechmann, Jose Luis
;  APPLICANT:  Jiang, Cai-Zhong
;  APPLICANT:  Heard, Jacqueline E
;  APPLICANT:  Haake, Volker
;  APPLICANT:  Creelman, Robert A
;  APPLICANT:  Ratcliffe, Oliver
;  APPLICANT:  Adam, Luc J
;  APPLICANT:  Reuber, T. Lynne
;  APPLICANT:  Keddie, James
;  APPLICANT:  Broun, Pierre E
;  APPLICANT:  Pilgrim, Marsha L
;  APPLICANT:  Dubell III, Arnold T
;  APPLICANT:  Pineda, Omaira
;  APPLICANT:  Yu, Guo-Liang
;  TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES IN PLANTS
;  FILE REFERENCE: MBI-0047 CIP
;  CURRENT APPLICATION NUMBER: US/10/374,780A
;  CURRENT FILING DATE:  2003-02-25
;  PRIOR APPLICATION NUMBER: 09/837,944
;  PRIOR FILING DATE: 2001-04-18
;  PRIOR APPLICATION NUMBER: 60/310,847
;  PRIOR FILING DATE: 2001-08-09
;  PRIOR APPLICATION NUMBER: 09/934,455
;  PRIOR FILING DATE: 2001-08-22
;  PRIOR APPLICATION NUMBER: 60/336,049
;  PRIOR FILING DATE: 2001-11-19
;  PRIOR APPLICATION NUMBER: 60/338,692
;  PRIOR FILING DATE: 2001-12-11
;  PRIOR APPLICATION NUMBER: 10/171,468
;  PRIOR FILING DATE: 2002-06-14
;  PRIOR APPLICATION NUMBER: 10/225,066
;  PRIOR FILING DATE: 2002-08-09
;  PRIOR APPLICATION NUMBER: 10/225,067
;  PRIOR FILING DATE: 2002-08-09
;  PRIOR APPLICATION NUMBER: 10/225,068
;  PRIOR FILING DATE: 2002-08-09
;  NUMBER OF SEQ ID NOS: 2906
;  SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2682
;   LENGTH: 358
;   TYPE: PRT
;   ORGANISM: Arabidopsis thaliana
;   FEATURE:
;   OTHER INFORMATION: G1642
US-10-374-780A-2682

  Query Match              6.7%;  Score 8;  DB 4;  Length 358;
  Best Local Similarity   100.0%;  Pred. No. 8.3;
  Matches    8;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy         12 NQSHHHDN 19
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Db        205 NQSHHHDN 212
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